

Title (en)
LINKAGE ASSEMBLY FOR SELF-SUPPORTING CONVEYOR BELT

Title (de)
GESTÄNGEBAUGRUPPE FÜR SELBSTTRAGENDEN BANDFÖRDERER

Title (fr)
ENSEMBLE DE LIAISON POUR BANDE TRANSPORTEUSE AUTOPORTANTE

Publication
EP 3235763 A3 20171115 (EN)

Application
EP 17161072 A 20170315

Priority
US 201615071023 A 20160315

Abstract (en)
[origin: US9663297B1] A conveyor belt includes a self-supporting linkage assembly and a plurality of transverse elements configured to travel along a longitudinal direction. The transverse elements are interconnected by the linkage assembly. The conveyor belt also includes a biasing member. The linkage assembly includes a first link and a second link. The first and second links are configured to move relative to each other between an engaged position and a disengaged position. The biasing member is configured to bias the first and second links toward the engaged position. The first and second links, when in the engaged position, are constrained against rotation relative to each other. The first and second links, when in the disengaged position, are configured to rotate relative to each other.

IPC 8 full level
B65G 17/06 (2006.01); **B65G 17/38** (2006.01)

CPC (source: EP KR US)
B65G 17/063 (2013.01 - EP KR US); **B65G 17/38** (2013.01 - KR); **B65G 17/385** (2013.01 - EP US); **B65G 2812/02326** (2013.01 - KR); **B65G 2812/02455** (2013.01 - KR)

Citation (search report)

- [X] US 5183149 A 19930202 - WIERMAN MICHAEL J [SE], et al
- [X] US 2014216900 A1 20140807 - NAGEL JORGE E [US], et al
- [X] DE 3850612 T2 19941124 - FRIGOSCANDIA FOOD PROCESS SYST [SE]

Cited by
CN110395522A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 9663297 B1 20170530; BR 102017005259 A2 20170919; BR 102017005259 B1 20221011; CA 2960063 A1 20170915; CA 2960063 C 20201215; DK 3235763 T3 20201026; EP 3235763 A2 20171025; EP 3235763 A3 20171115; EP 3235763 B1 20200729; ES 2817088 T3 20210406; JP 2017171504 A 20170928; JP 6462745 B2 20190130; KR 101756204 B1 20170710; MX 2017003333 A 20180815

DOCDB simple family (application)
US 201615071023 A 20160315; BR 102017005259 A 20170315; CA 2960063 A 20170303; DK 17161072 T 20170315; EP 17161072 A 20170315; ES 17161072 T 20170315; JP 2017047270 A 20170313; KR 20170031586 A 20170314; MX 2017003333 A 20170314